

Converting Colors

Hex(F564D1)

Have a look what the booklet for
Hex(F564D1) contains.

Hex(F564D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F564D1)

Conversions

Conversions Part 1

Format	Color
Hex	F564D1
RGB	245, 100, 209
RGB Percent	96%, 39%, 82%
CMY	0.0392, 0.6078, 0.1804
CMYK	0.00, 0.59, 0.15, 0.04
HSL	315°, 88%, 68%
HSV	315°, 59%, 96%
XYZ	53.7220, 33.1303, 63.8849
YIQ	155.7810, 51.4310, 64.6390

Conversions

Conversions Part 2

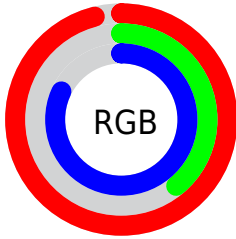
Format	Color
R _Y B	245, 100, 209
Decimal	16082129
CIE Lab	64.27, 67.43, -29.04
CIE LCh	64, 73.418, 336.697
Yxy	33.1303, 0.3564, 0.2198
Android (android.graphics.Color)	4294272209 (0xFFFF564D1)
YUV	155.7810, 26.2370, 78.2451
Hunter-Lab	57.5589, 65.8730, -25.5150

Details

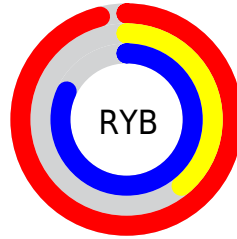
The Hex color **F564D1** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **64F588**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FF9DFF**, and **BA259A** is the 20% darker color. If you saturate the color by 10%, you get **F54CCB**, and if you desaturate by 10%, it is **F57DD7**.

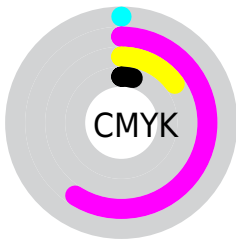
Distribution



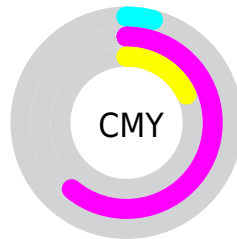
- Red (96%)
- Green (39%)
- Blue (82%)



- Red (96%)
- Yellow (39%)
- Blue (82%)



- Cyan (0%)
- Magenta (59%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color F564D1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F564D1 by changing the saturation by 10% instead.

 F564D1

 F564D1

FFFFFF

 D746B5

 FF9DFF

 BA259A

 FFBAFF

 9C0080

 FFD8FF

 800067


 FFF5FF

 64004E

 490037

 2E0021

 000005

 000000

 F564D1

 F564D1

 F54CCB

 F57DD7

 F533C5

 F595DD

 F51ABF

 F5AEE3

 F502B9

 F5C6E9

 F500B8

 F5DFEF

 F5F7F5

 F5FFFC

 F5FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AF83FF



F564D1



FF5690

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F564D1



AD9E00



00B8E9

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F564D1



64F588

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00BAA9



F564D1



67AE23

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



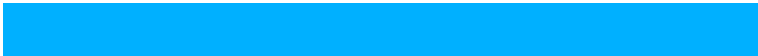
F564D1



E38512



00B665



00B0FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F564D1



FF5F65



00B665



00B9D5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F564D1



FFD1F4



8664F5



806379



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F564D1



FF4AD2



F5648B



7A6E77



BA008C



3B002C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F564D1



FF4AD2



64F5CE



7A6E77



BA008C



3B002C

Previews

White Background



This preview shows how the Hex color F564D1 looks on a white background.

Color Contrast Check

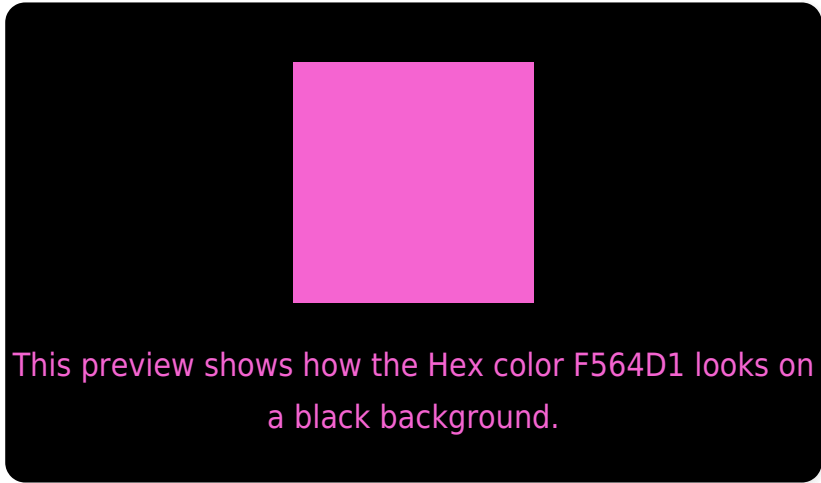
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F564D1 Background



This preview shows how black text looks on a background with the Hex color F564D1.



This preview shows how white text looks on a background with the Hex color F564D1.

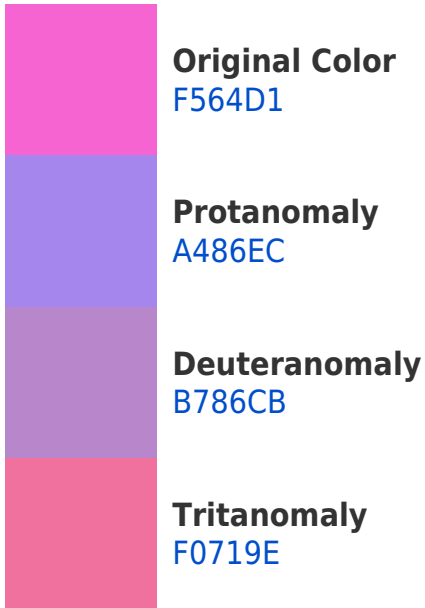
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

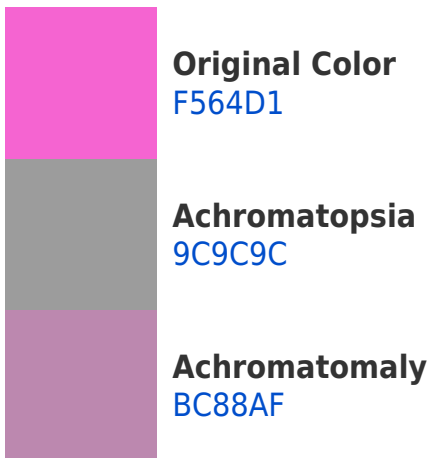
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F564D1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F564D1 looks like.

```
.text, #text, p{  
    color:#F564D1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F564D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F564D1
}
```

Border

The CSS property to change the border of an element to Hex F564D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F564D1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F564D1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F564D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F564D1; -webkit-box-shadow:4px 4px  
4px 4px #F564D1; box-shadow:4px 4px 4px  
4px #F564D1 }
```

Background

The CSS property to change the background color of an element to Hex F564D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F564D1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F564D1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor